

Data File : VU030457.D
Acq On : 26 Mar 2019 20:40
Operator : JC/SP
Sample : K2022-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F4

Quant Time: Mar 27 06:05:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	439611	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	413991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161805	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168031	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.67	69	141274	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.76%
11) 1,1-Dichloroethene-d2	2.27	63	242405	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.17	46	358367	107.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.75%
24) Chloroform-d	4.64	84	298452	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	5.31	65	206767	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.34	84	610082	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
36) 1,2-Dichloropropane-d6	6.33	67	221771	54.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.20%
41) Toluene-d8	7.56	98	519471	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.85	79	90426	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.68%
47) 2-Hexanone-d5	8.31	63	226184	102.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302942	52.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	174178	53.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.44%

Target Compounds

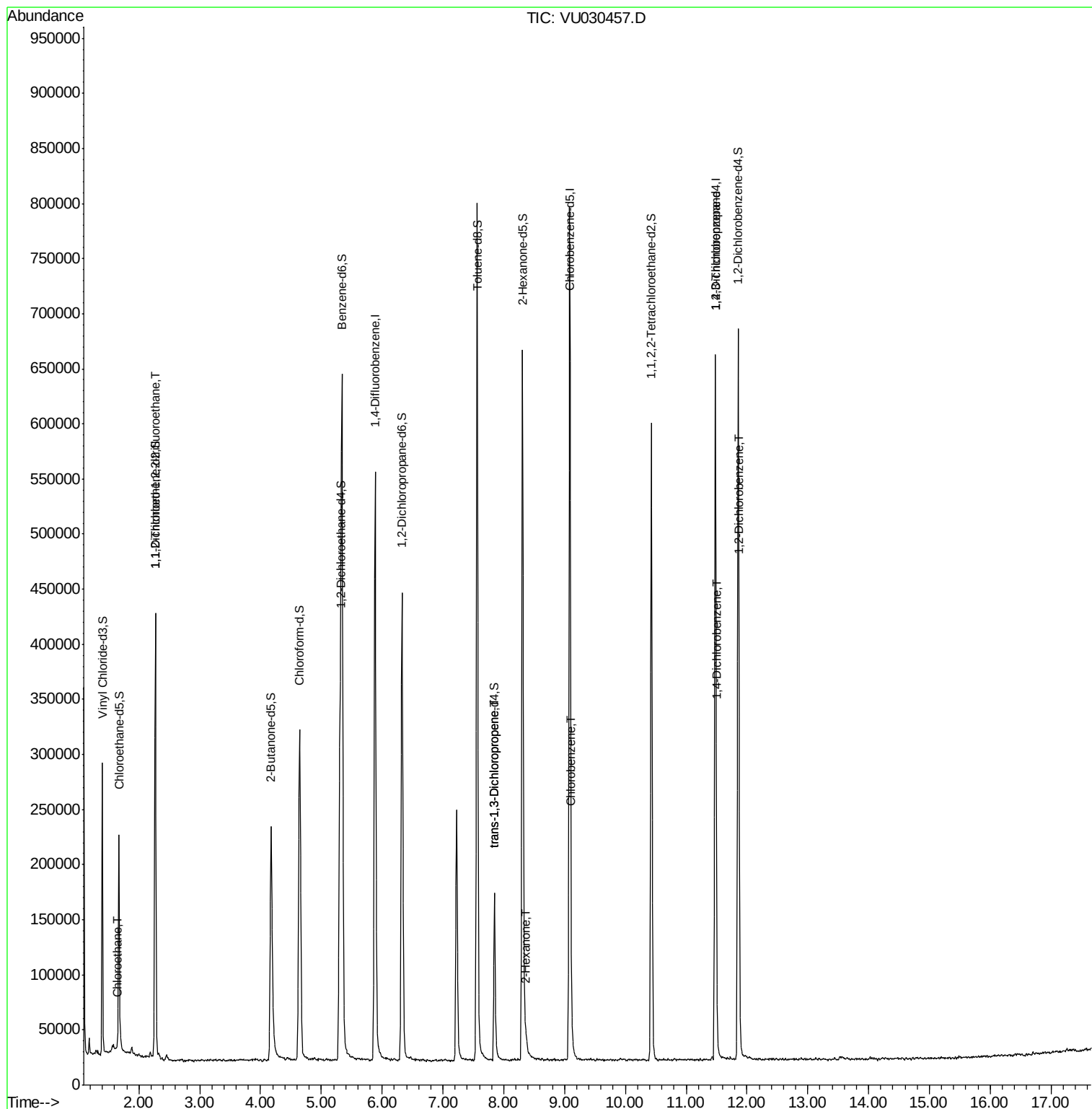
					Qvalue	
8) Chloroethane	1.64	64	8849	3.047	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1800	0.561	ug/L #	21
44) trans-1,3-Dichloropropene	7.85	75	3466	0.685	ug/L #	74
48) 2-Hexanone	8.37	43	6542	1.188	ug/L #	82
51) Chlorobenzene	9.12	112	13808	1.558	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	25067	5.149	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	7184	1.319	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	12596	2.354	ug/L	91

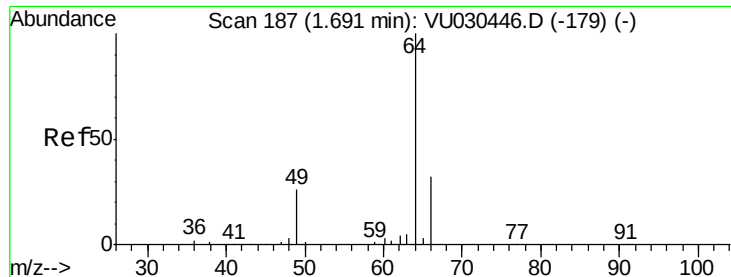
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030457.D
Acq On : 26 Mar 2019 20:40
Operator : JC/SP
Sample : K2022-19 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09F4

Quant Time: Mar 27 06:05:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 3.047 ug/L

RT: 1.64 min Scan# 171

Delta R.T. -0.05 min

Lab File: VU030457.D

Acq: 26 Mar 2019 20:40

Instrument :

MSVOA_U

ClientSampleId :

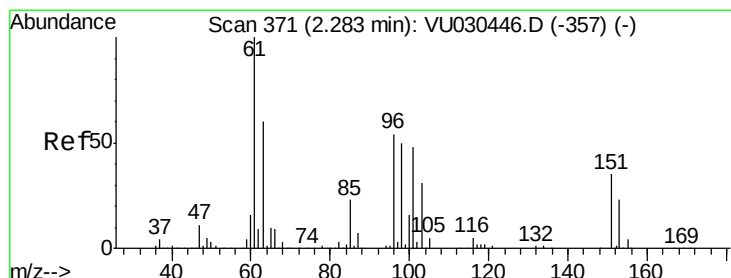
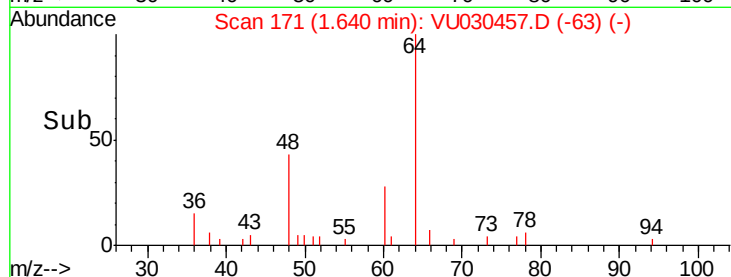
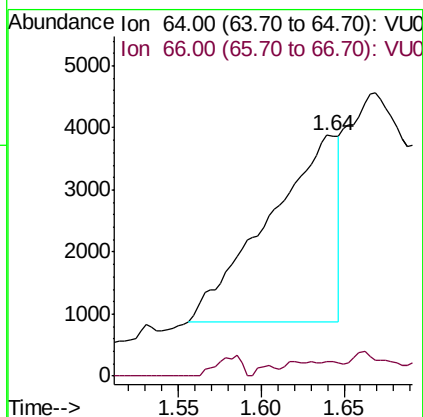
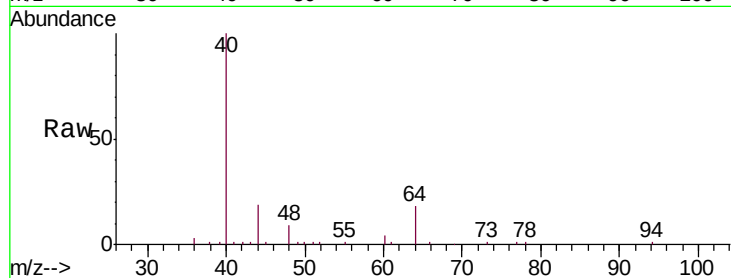
C09F4

Tgt Ion: 64 Resp: 8849

Ion Ratio Lower Upper

64 100

66 6.0 22.5 41.7#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.561 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030457.D

Acq: 26 Mar 2019 20:40

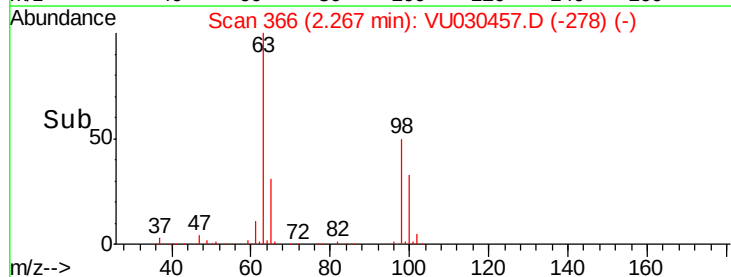
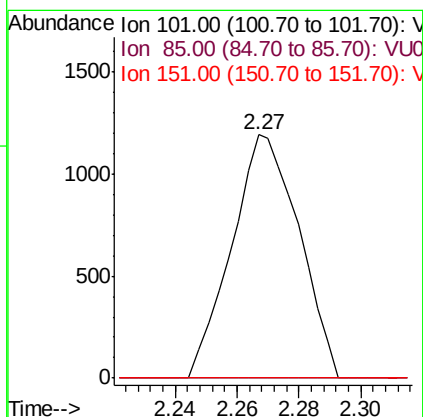
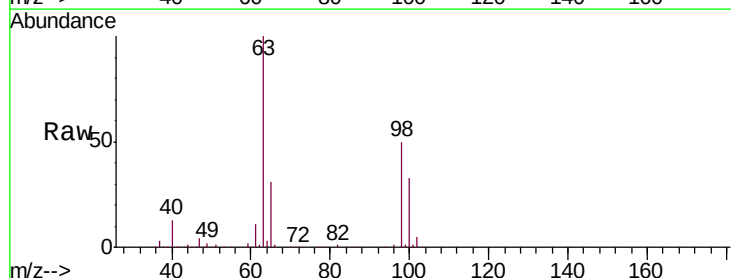
Tgt Ion: 101 Resp: 1800

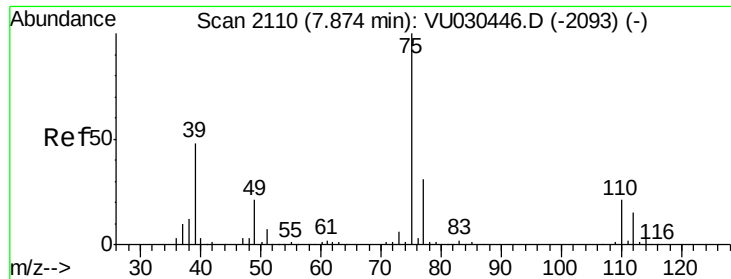
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 56.6 85.0#

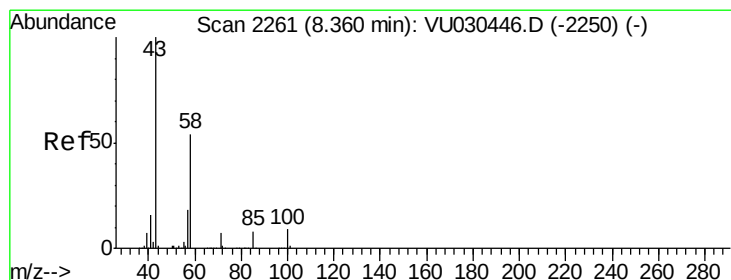
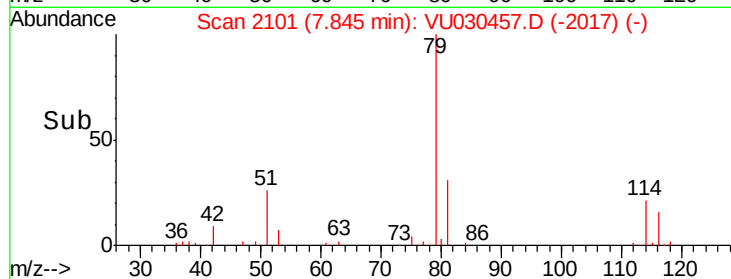
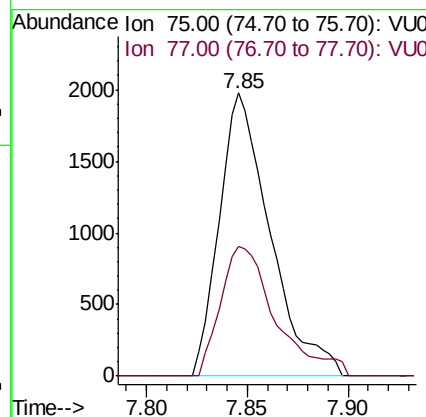
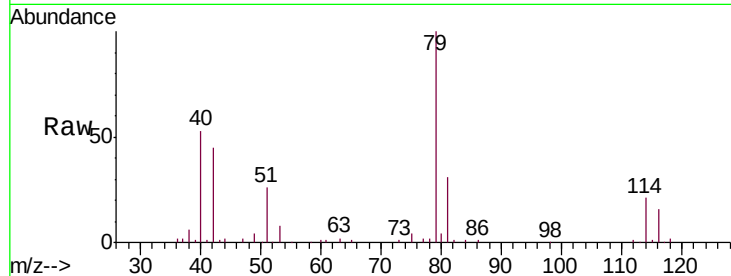




#44
trans-1,3-Dichloropropene
Concen: 0.685 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030457.D
Acq: 26 Mar 2019 20:40

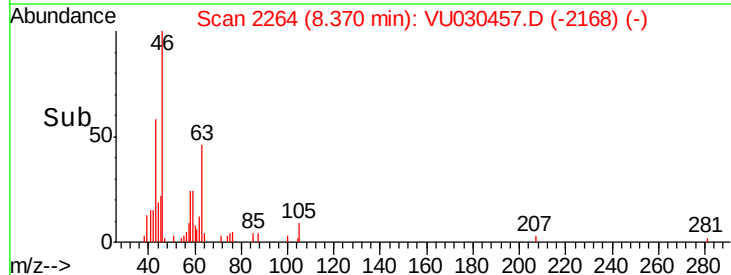
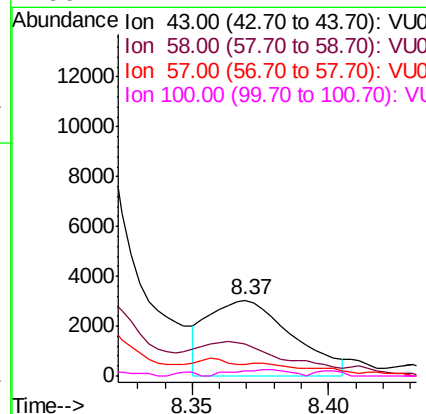
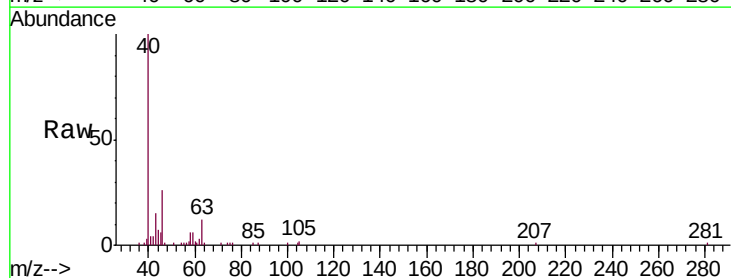
Instrument :
MSVOA_U
ClientSampleId :
C09F4

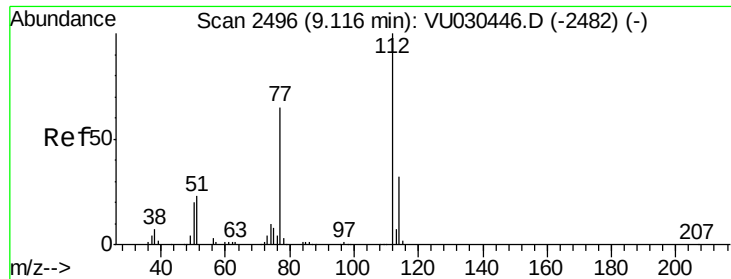
Tgt Ion: 75 Resp: 3466
Ion Ratio Lower Upper
75 100
77 46.0 22.0 40.8#



#48
2-Hexanone
Concen: 1.188 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030457.D
Acq: 26 Mar 2019 20:40

Tgt Ion: 43 Resp: 6542
Ion Ratio Lower Upper
43 100
58 43.5 42.5 63.7
57 3.2 15.0 22.6#
100 4.2 7.4 11.2#

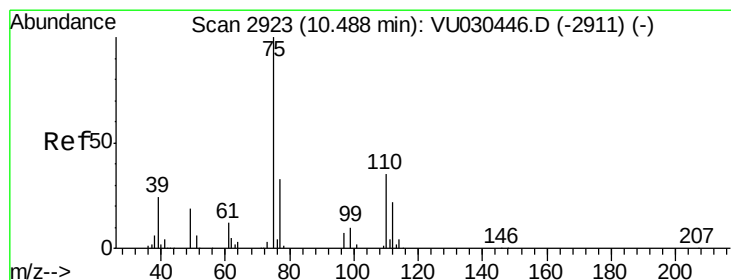
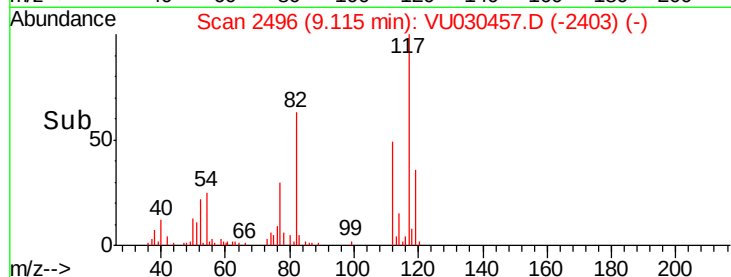
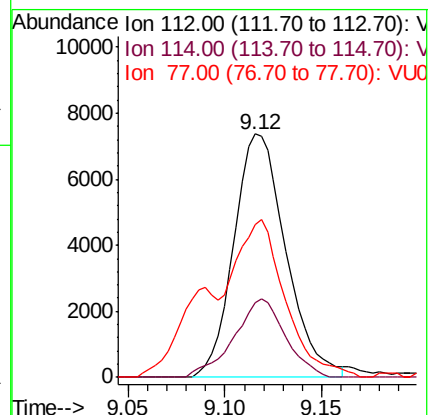
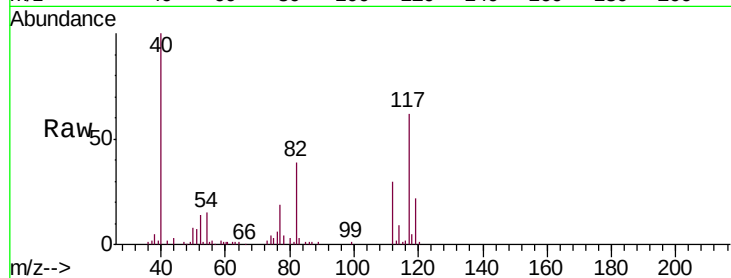




#51
Chlorobenzene
Concen: 1.558 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030457.D
Acq: 26 Mar 2019 20:40

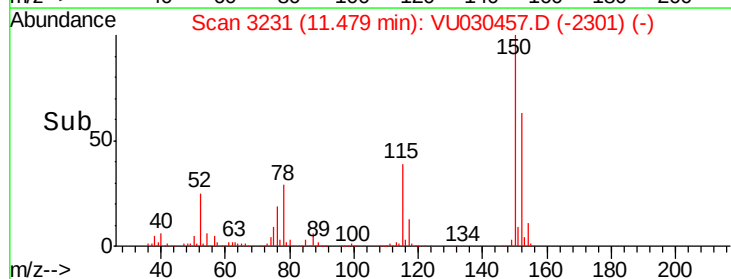
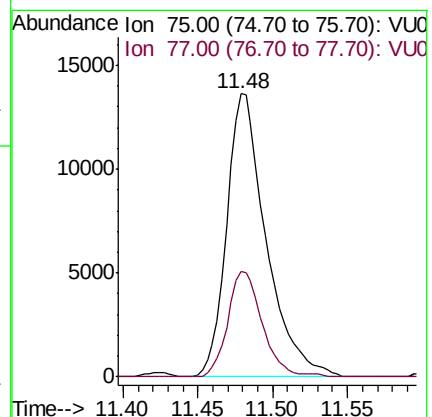
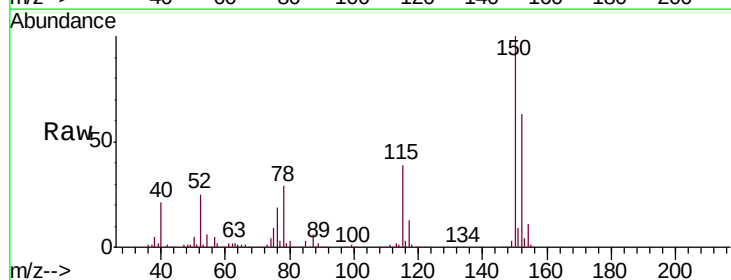
Instrument :
MSVOA_U
ClientSampleId :
C09F4

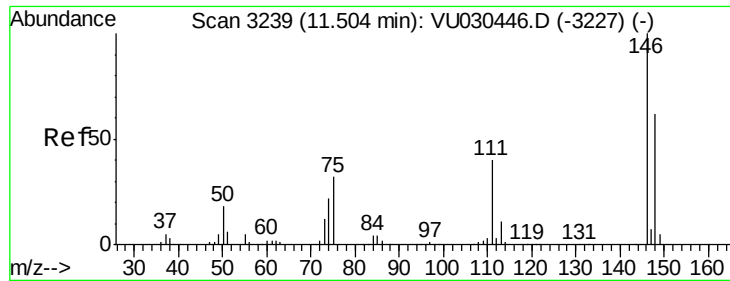
Tgt Ion: 112 Resp: 13808
Ion Ratio Lower Upper
112 100
114 30.9 21.5 39.9
77 62.5 51.4 77.0



#59
1,2,3-Trichloropropane
Concen: 5.149 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030457.D
Acq: 26 Mar 2019 20:40

Tgt Ion: 75 Resp: 25067
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

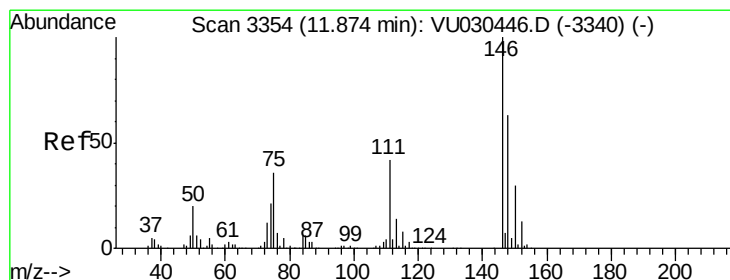
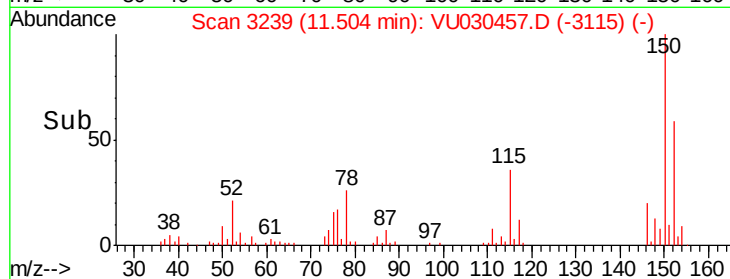
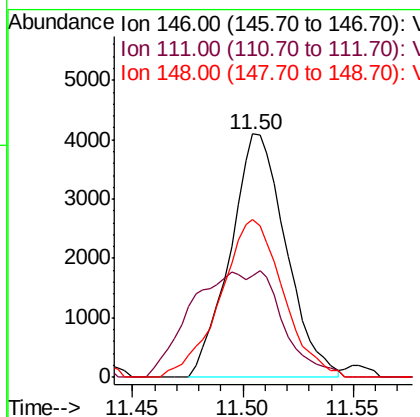
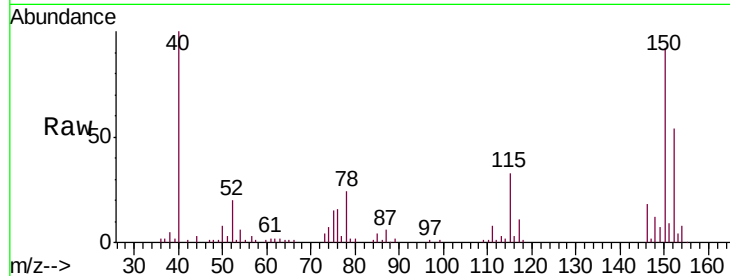




#63
 1,4-Dichlorobenzene
 Concen: 1.319 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU030457.D
 Acq: 26 Mar 2019 20:40

Instrument :
 MSVOA_U
 ClientSampled :
 C09F4

Tgt Ion:146 Resp: 7184
 Ion Ratio Lower Upper
 146 100
 111 41.9 28.7 53.3
 148 64.9 44.3 82.3



#65
 1,2-Dichlorobenzene
 Concen: 2.354 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU030457.D
 Acq: 26 Mar 2019 20:40

Tgt Ion:146 Resp: 12596
 Ion Ratio Lower Upper
 146 100
 111 48.8 34.9 52.3
 148 57.1 51.2 76.8

